



Microbolometer Focal Plane Array Methods And Circuitry

William J. Parrish; Jeffrey L. Heath; Naseem Y. Aziz; Joseph Kostrzewa; George H. Poe
M-12565 US

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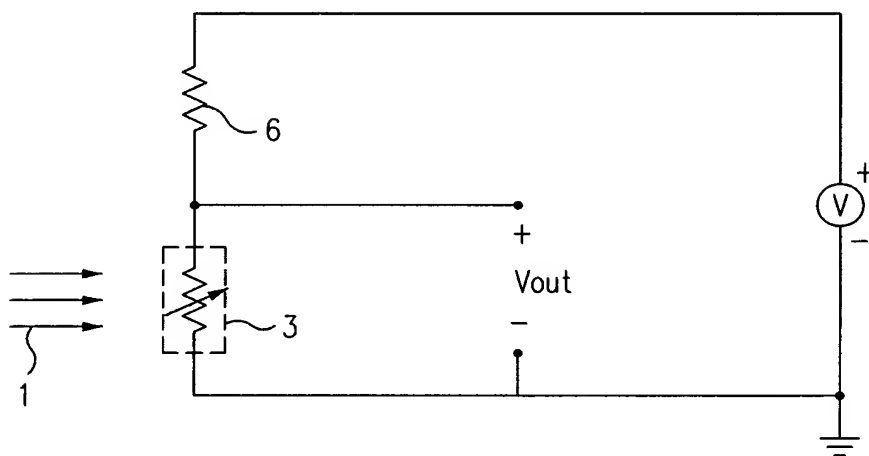


FIG. 1
(PRIOR ART)

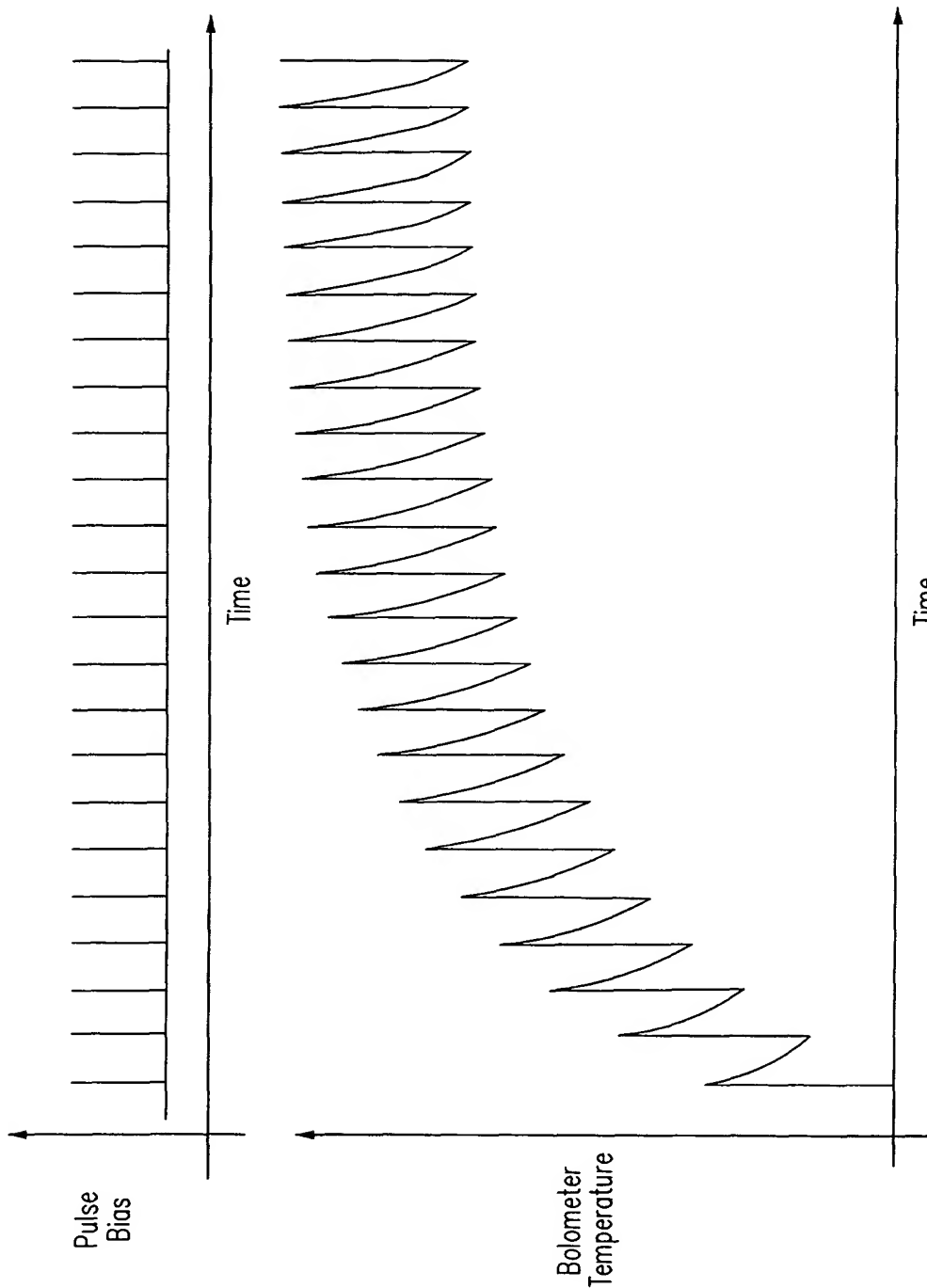


FIG. 2



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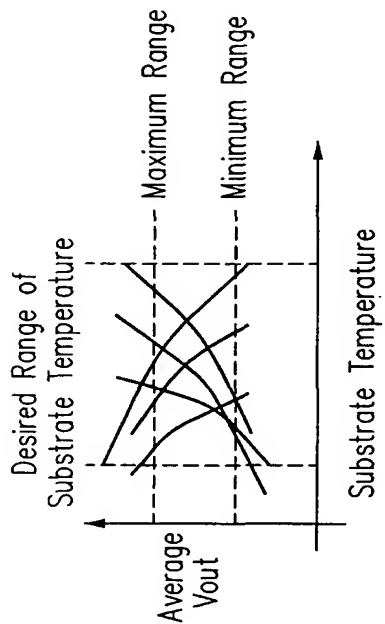


FIG. 5

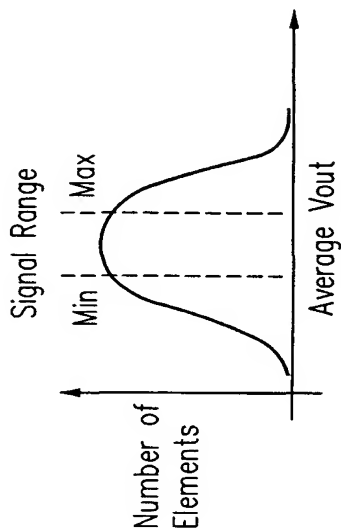


FIG. 6

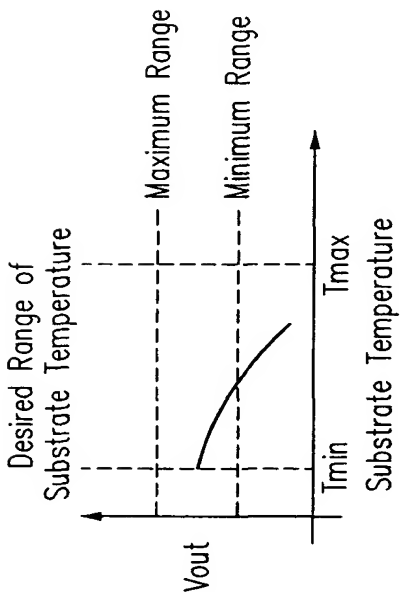


FIG. 3

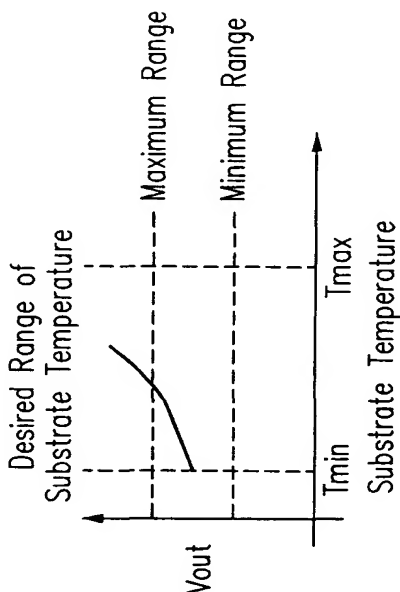


FIG. 4

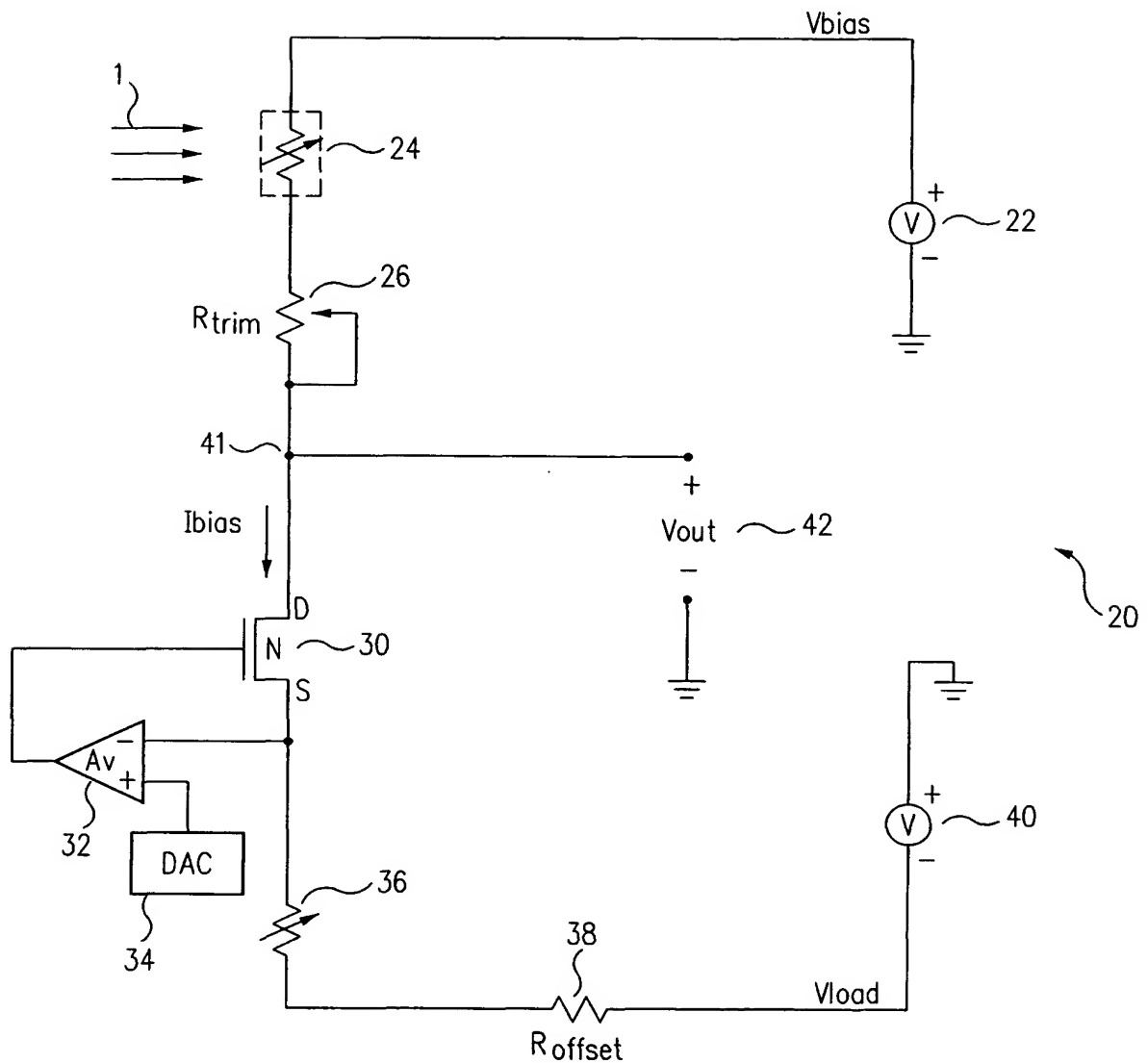
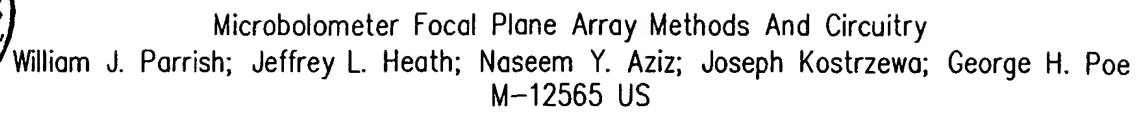


FIG. 7a

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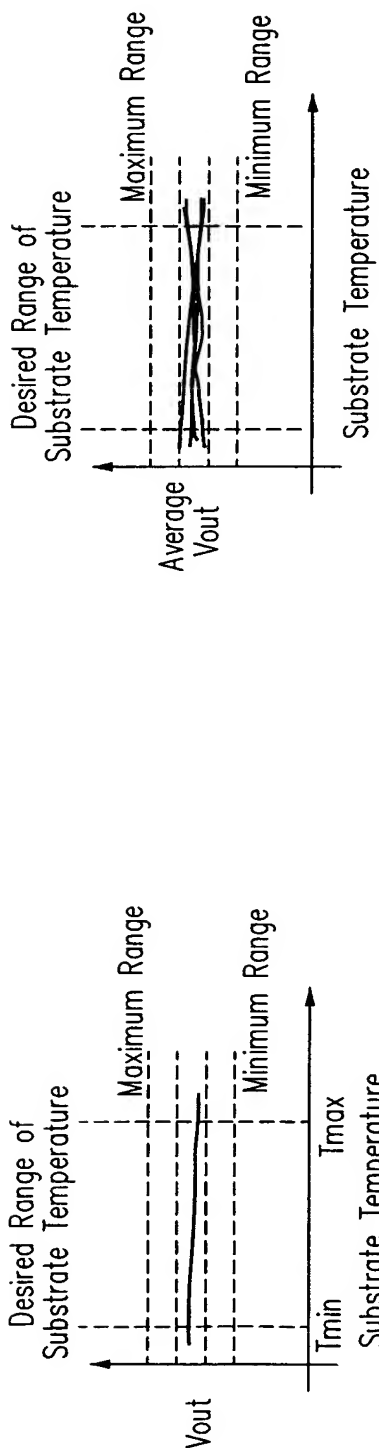


FIG. 8

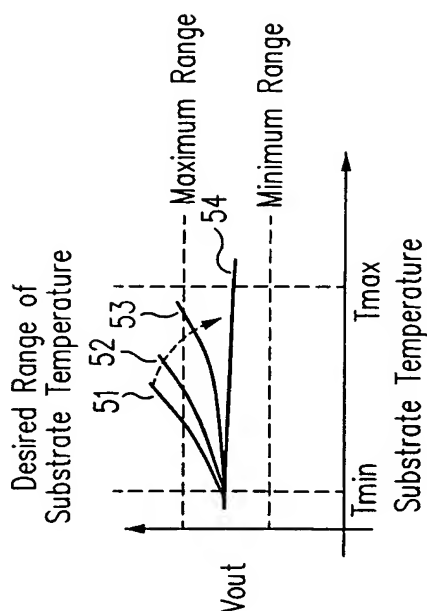


FIG. 9

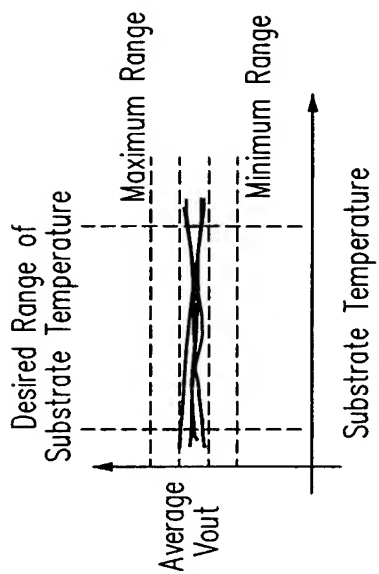


FIG. 10

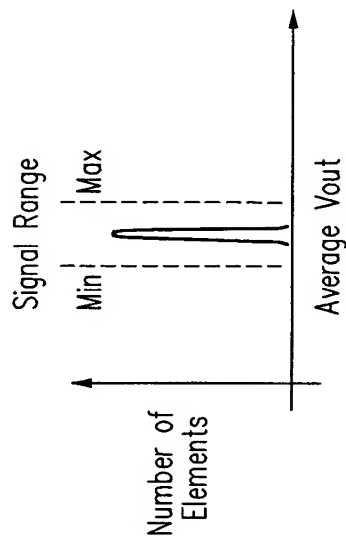


FIG. 11

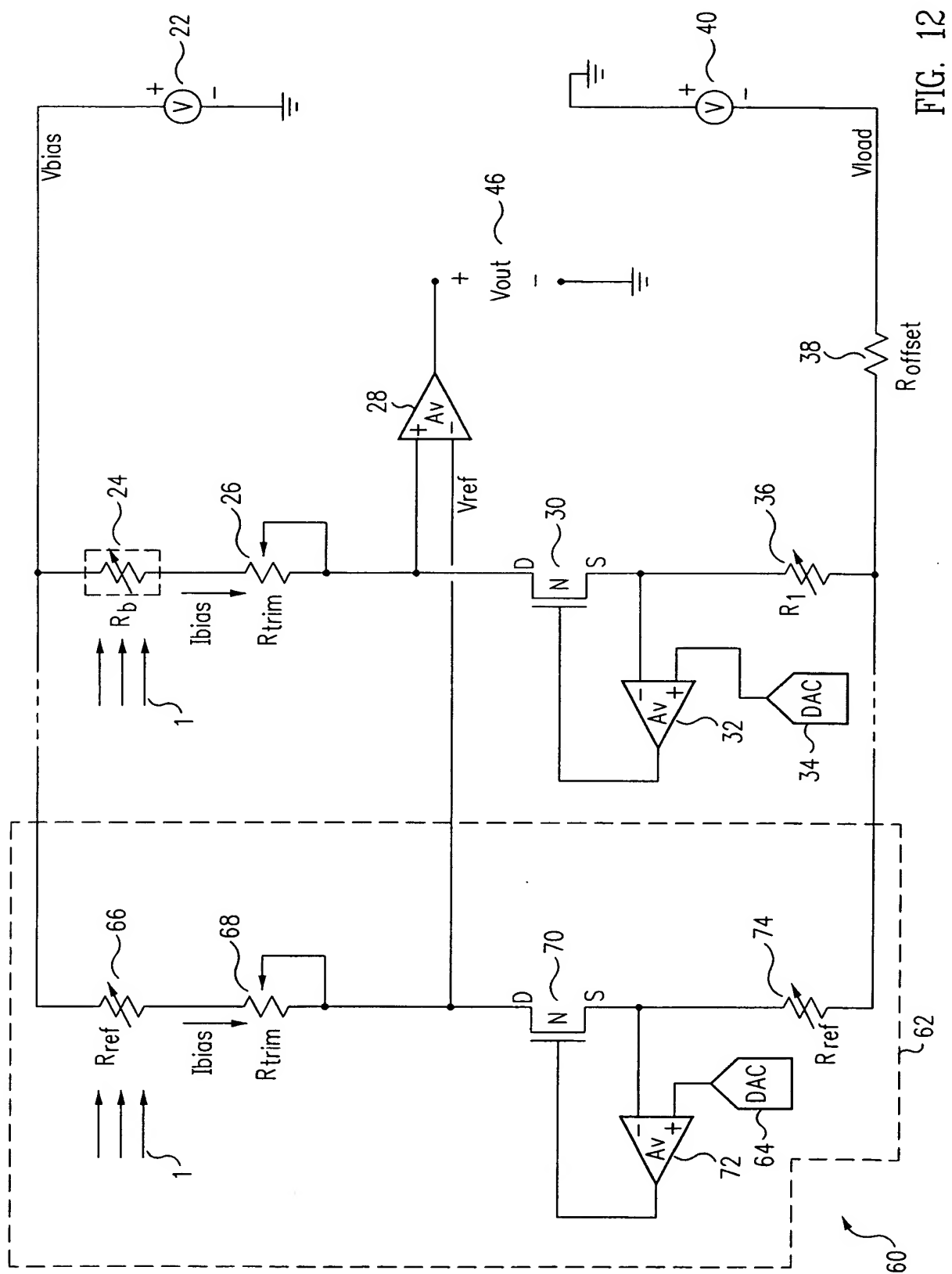


FIG. 12



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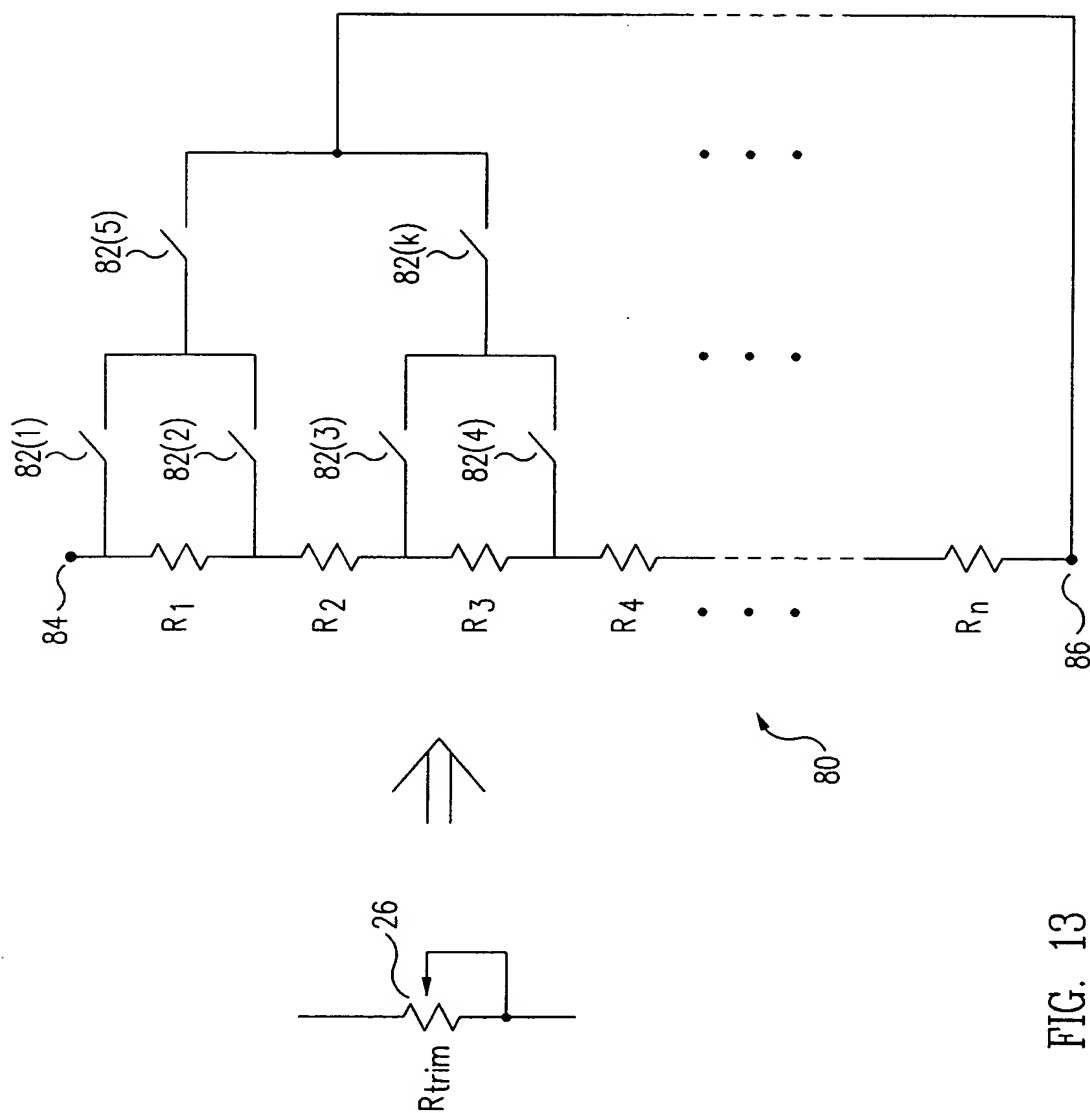


FIG. 13



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FIG. 14

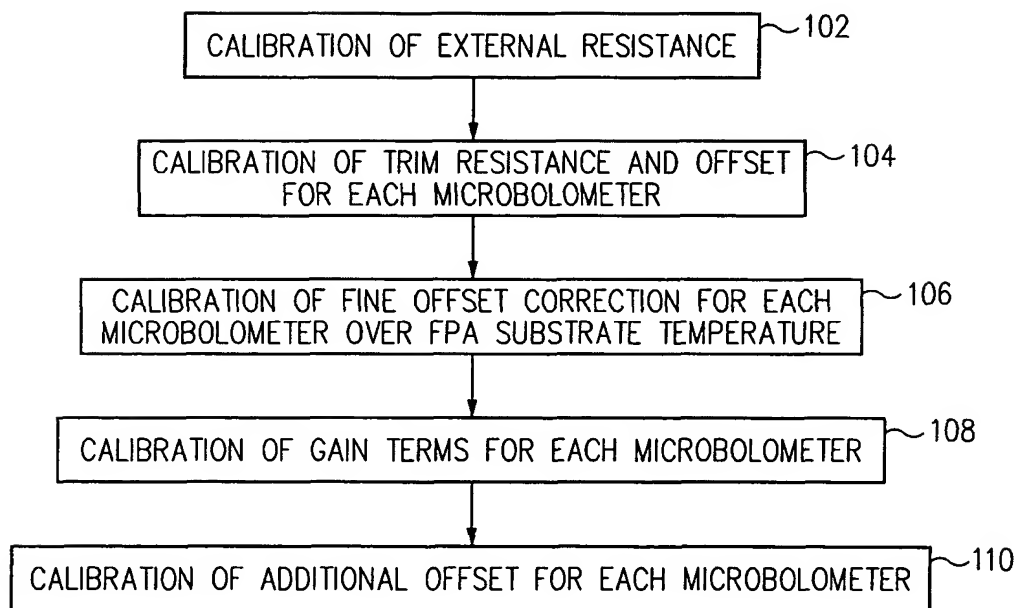
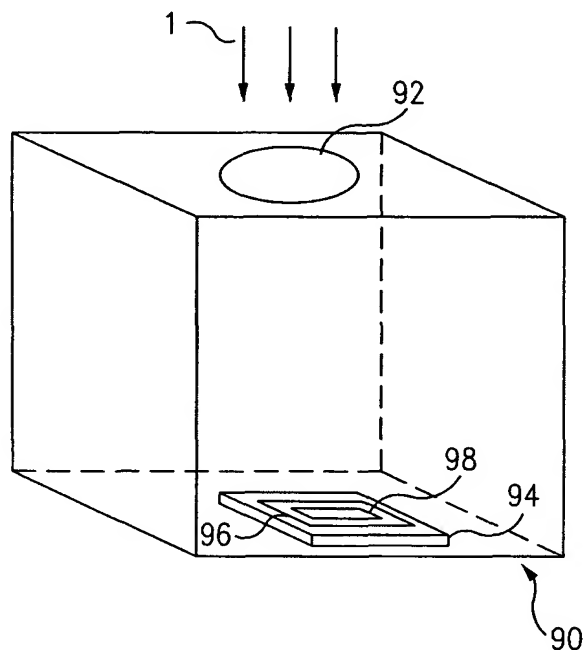


FIG. 15

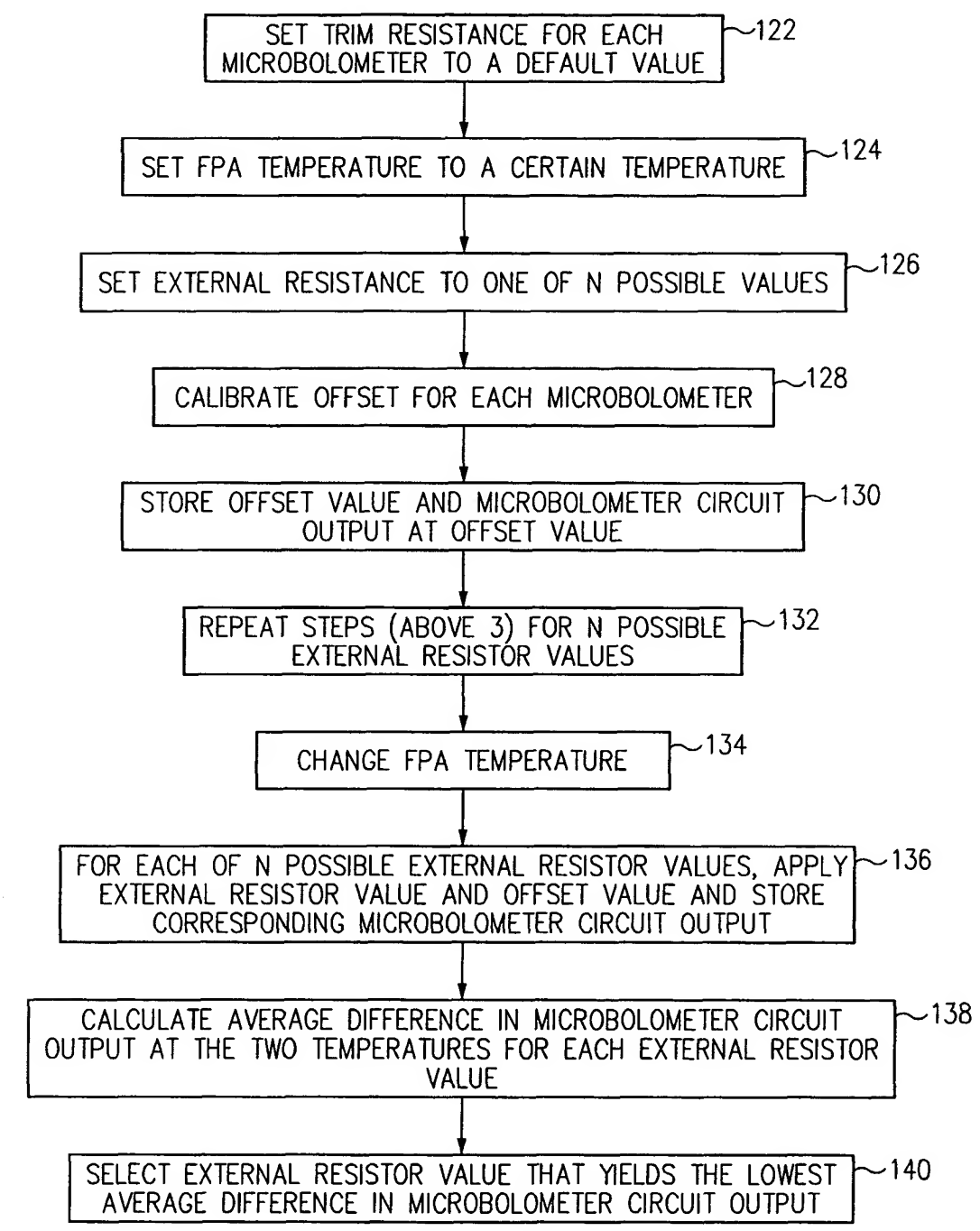


FIG. 16



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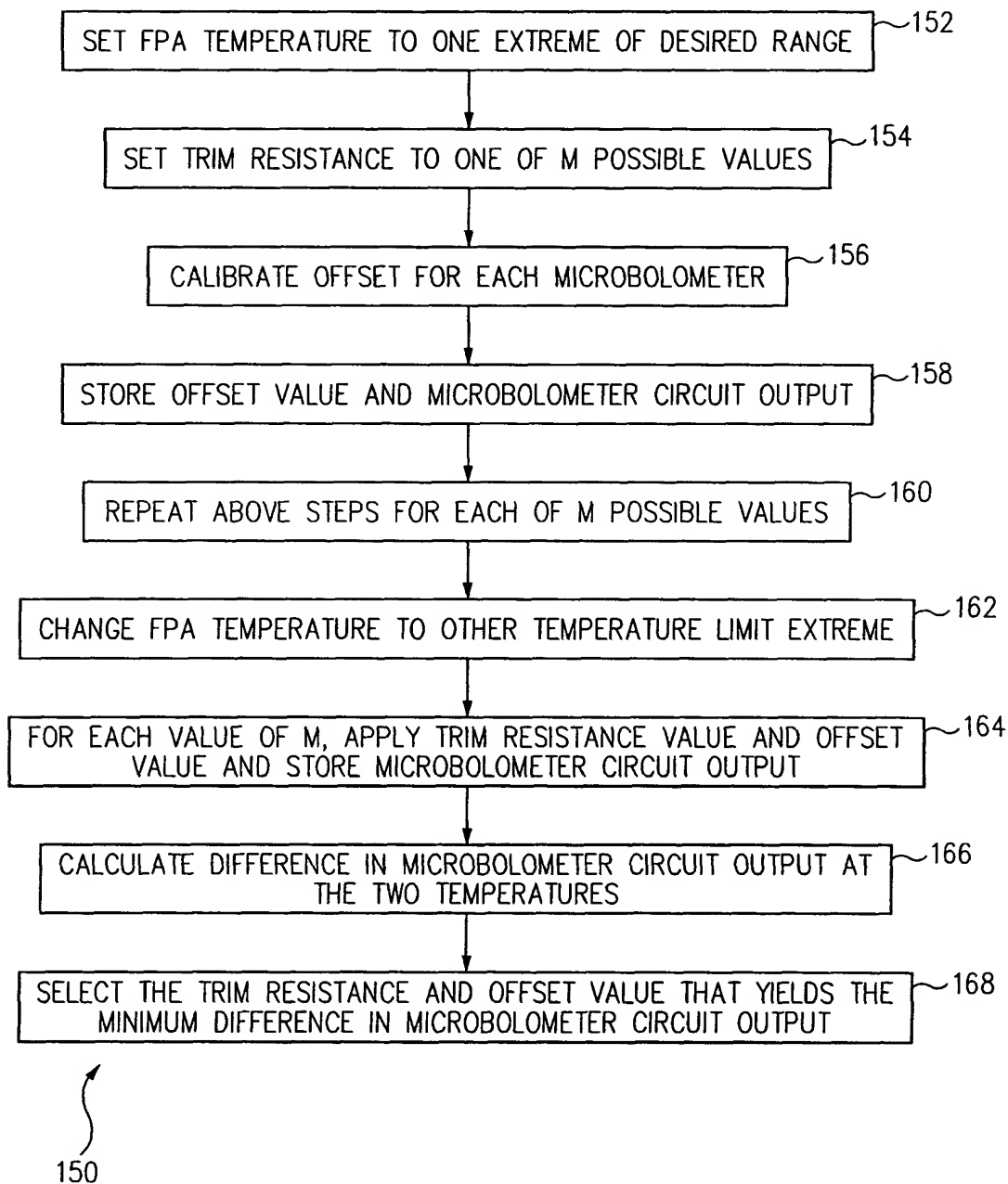


FIG. 17



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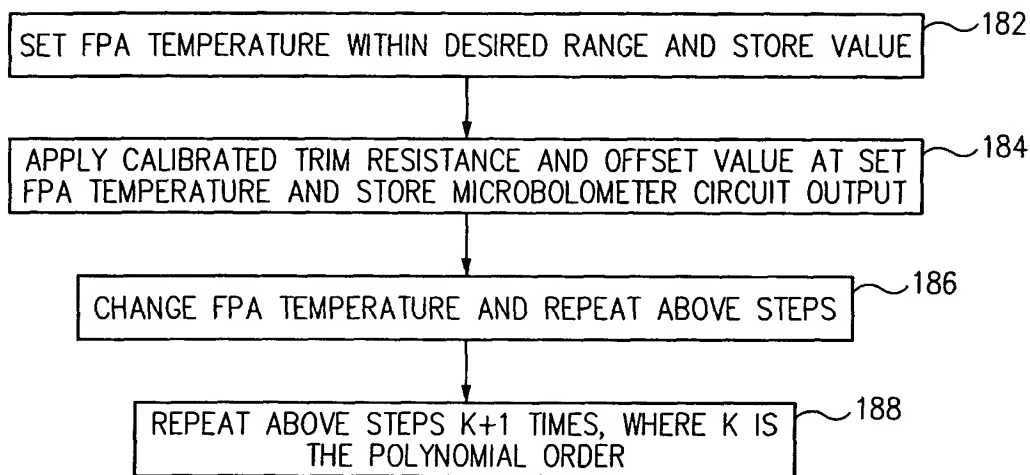


FIG. 18

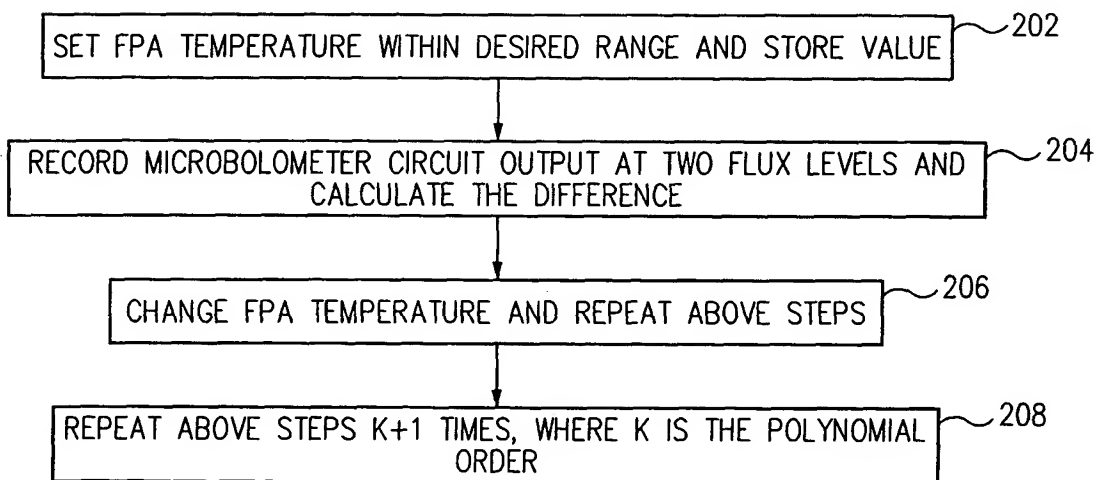


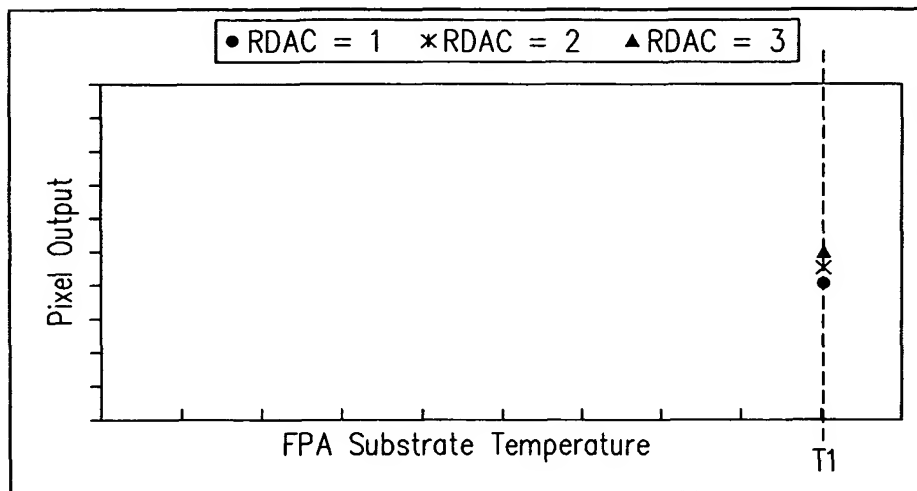
FIG. 19



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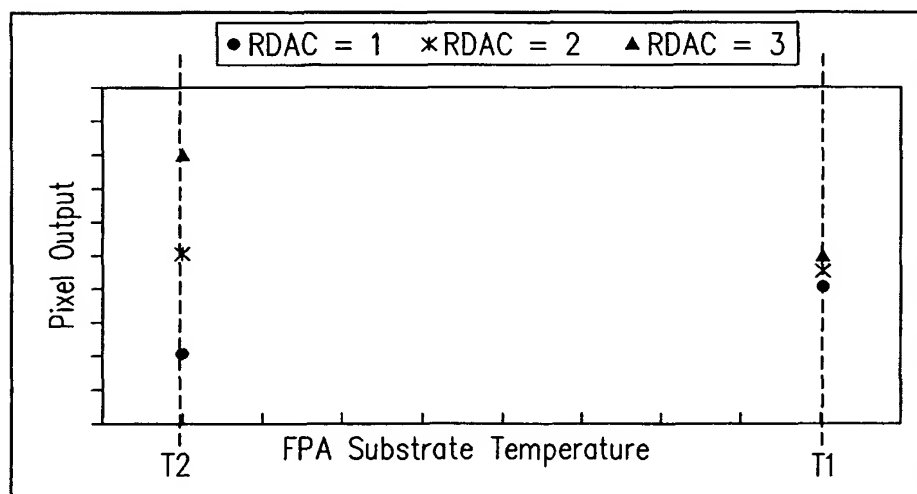
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RDAC value	ODAC value	Pixel output value at T1
1	ODAC ₁	40%
2	ODAC ₂	45%
3	ODAC ₃	50%

FIG. 20



RDAC value	ODAC value	Pixel output value at T1	Pixel output value at T2
1	ODAC ₁	40%	20%
2	ODAC ₂	45%	50%
3	ODAC ₃	50%	80%

FIG. 21

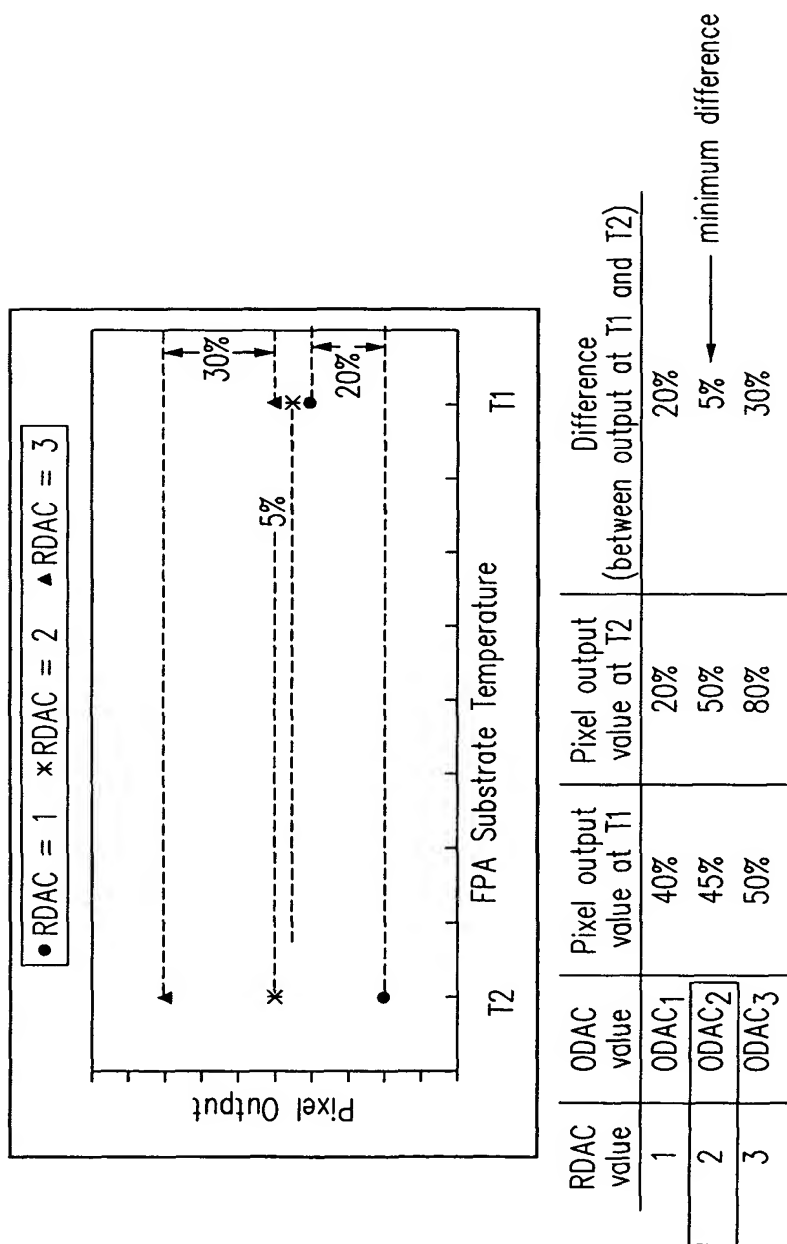


FIG. 22

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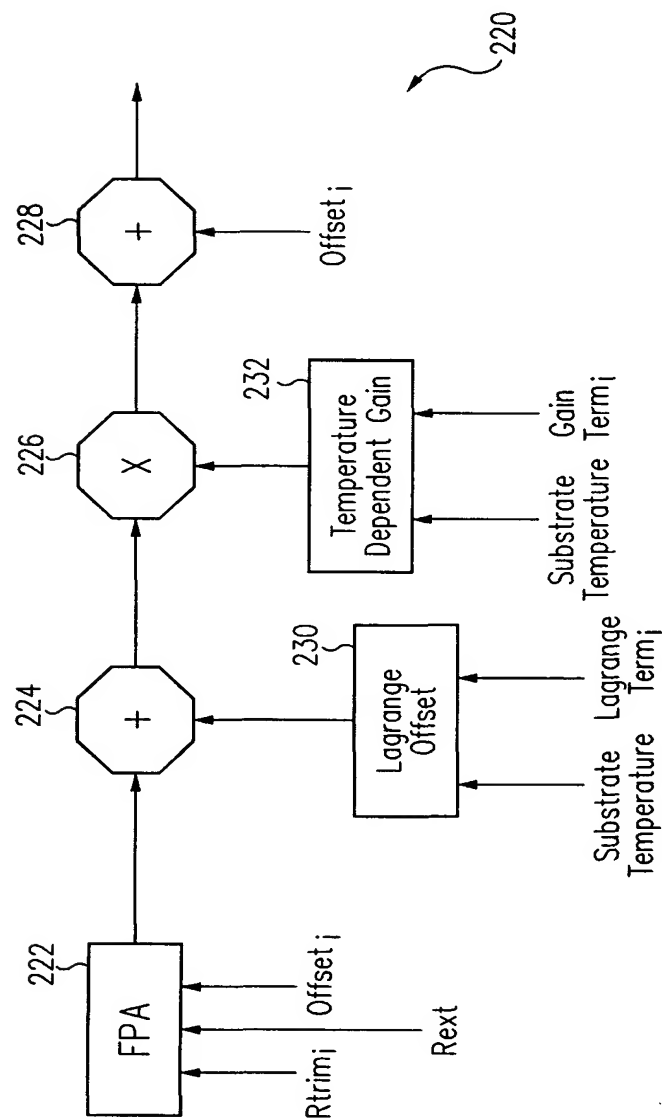


FIG. 23

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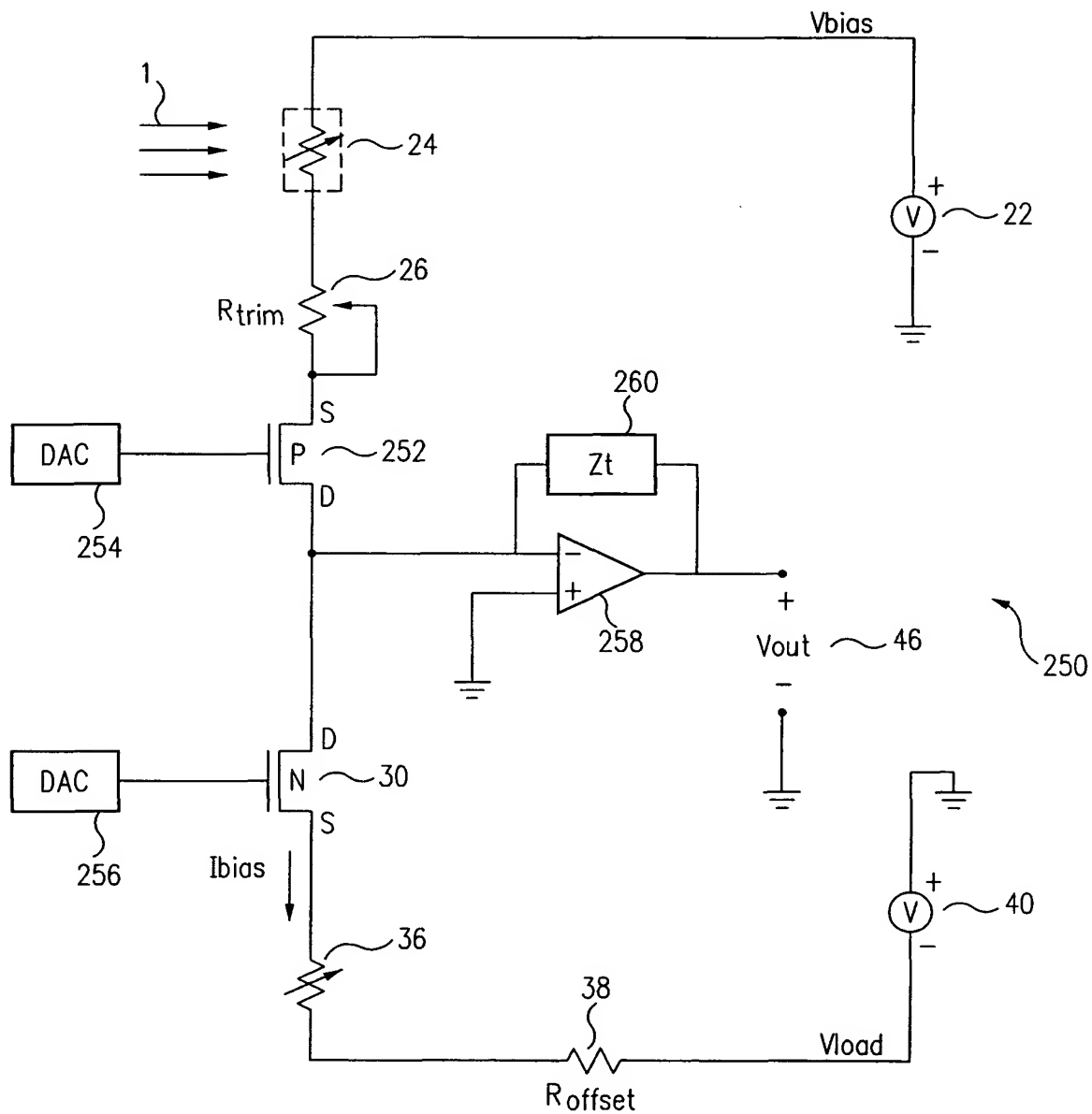


FIG. 25

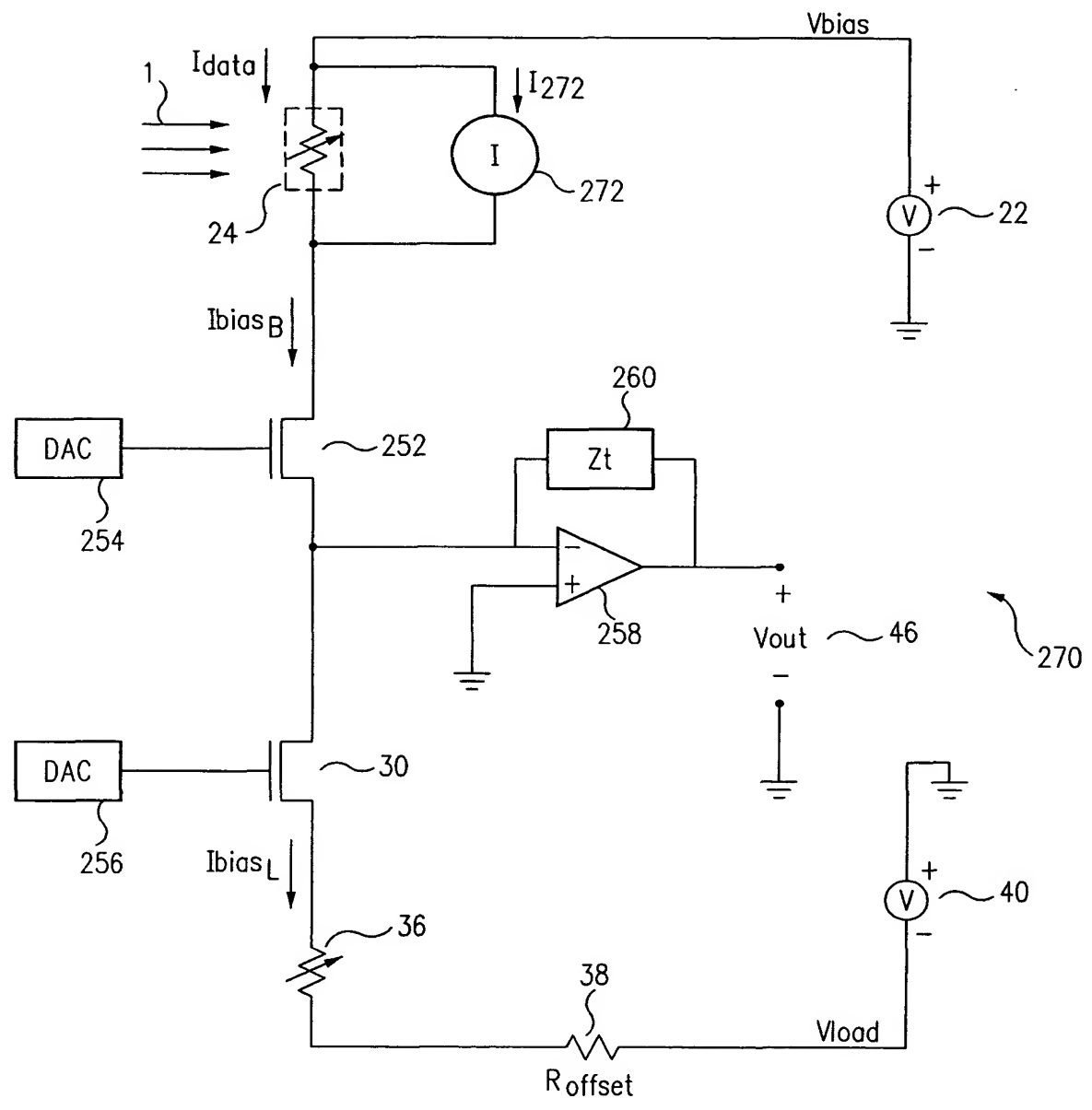


FIG. 26

